



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2006

PLANS APPROVAL DATE

Jeffrey B. Moody  
No. C41260  
Exp. 3-31-07  
CIVIL  
STATE OF CALIFORNIA

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### GENERAL NOTES:

#### DESIGN:

AASHTO Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, dated 2001.

#### CONSTRUCTION:

Standard Specifications and the Special Provisions.

#### LOADING:

##### WIND LOADING:

Normal to face of sign: 40 psf on 100% panel coverage.

Transverse to face of sign: 20% of normal force.

##### WALKWAY LOADING:

Dead load +500 LBS concentrated live load.

#### UNIT STRESSES:

STRUCTURAL STEEL:  $f_y = 36000$  psi

REINFORCED CONCRETE:  $f_y = 60000$  psi

$f'_c = 3600$  psi

FOOTING SOIL PRESSURE: 2.50 ksf (spread footing)

#### MINIMUM CLEARANCE

Vertical roadway clearance 18'-0" above roadway and shoulders

#### WELDING:

All welding continuous unless otherwise noted on the plans.

### NOTES:

1. Drill and tap for 2 1/2" recessed pipe plug.
2. Changeable Message Sign will be State-furnished.
3. For location and elevation of sign structure see Project Plans.
4. Sign support post shall be raked out of plumb with leveling nuts to make the bottom of the sign frame level.
5. At final position of post top and bottom nuts shall be tightened against base plate.
6. See Project Plans.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGN-TRUSS  
SINGLE POST TYPE LAYOUT  
UNBALANCED BUTTERFLY  
CHANGEABLE MESSAGE SIGNS  
MODEL 500**

NO SCALE

**S101**